

Title (en)  
Guard rail assembly.

Title (de)  
Leitschieneneneinheit.

Title (fr)  
Ensemble de contre-rail.

Publication  
**EP 0553055 A1 19930728 (EN)**

Application  
**EP 93630007 A 19930121**

Priority  
US 82555792 A 19920124

Abstract (en)  
The guard rail assembly (10) for mounting a guard bar (12) has a support bracket (36) for mounting the guard bar (12), a support block (100) and a hook (70) for engaging the guard bar (12) and utilizing an elastic fastener (150) which engages the support block (100) and the hook (70) and draws the hook (70) and bar (12) towards the support bracket (36) to lock the guard bar (12) on the support bracket (36). <IMAGE>

IPC 1-7  
**E01B 5/18**

IPC 8 full level  
**E01B 5/18** (2006.01)

CPC (source: EP US)  
**E01B 5/18** (2013.01 - EP US)

Citation (search report)  
• [A] GB 191309477 A 19140402 - IMRAY OLIVER [GB]  
• [A] BE 533223 A  
• [A] WO 8905377 A2 19890615 - KERR MC GEE CHEM CORP [US]  
• [A] US 2024110 A 19351210 - O'NEILL WILLIAM T  
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GB2424439A; GB2424439B; EP0725184A1; FR2730253A1; EP1231323A2

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)  
**EP 0553055 A1 19930728; EP 0553055 B1 19961030**; AT E144806 T1 19961115; CA 2087988 A1 19930725; CA 2087988 C 20000321; DE 69305660 D1 19961205; DE 69305660 T2 19970227; ES 2093950 T3 19970101; US 5176318 A 19930105

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